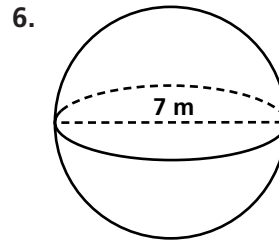
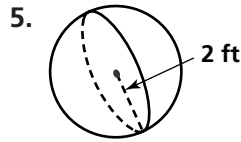
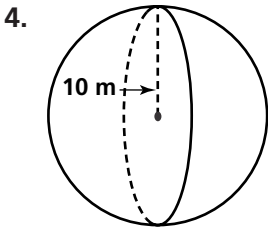
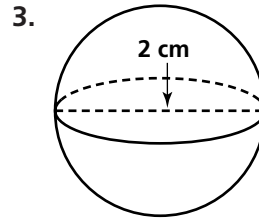
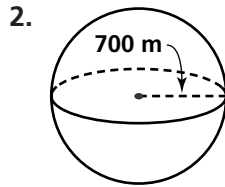
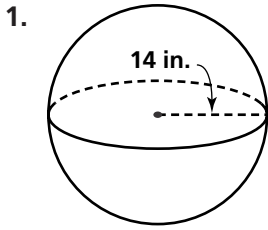


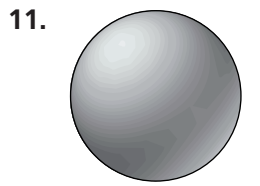
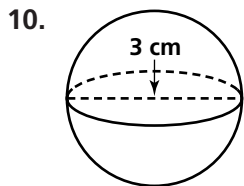
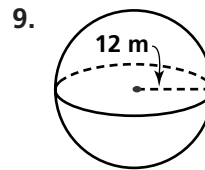
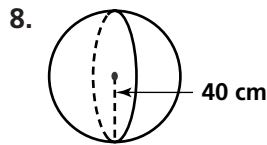
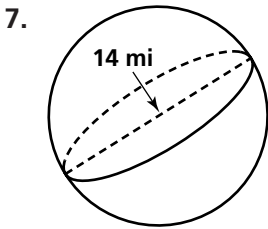
Practice 10-7

Surface Areas and Volumes of Spheres

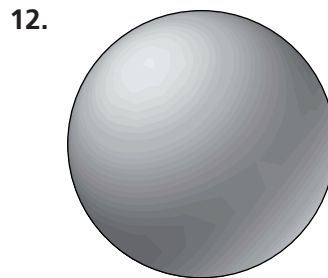
Find the surface area of each sphere. Round your answers to the nearest tenth.



Find the volume of each sphere. Round your answers to the nearest tenth.



S.A. = 90,790 cm²



S.A. = 45,240 yd²

The volume of each sphere is given. Find the surface area. Round your answers to the nearest whole number.

13. $V = 1200 \text{ ft}^3$

14. $V = 750 \text{ m}^3$

15. $V = 4500 \text{ cm}^3$

Use the given circumference to approximate the volume of each object. Round your answers to the nearest whole number.

16. a baseball with $C = 24 \text{ cm}$

17. a basketball with $C = 75 \text{ cm}$

18. a volleyball with $C = 69 \text{ cm}$

19. a golf ball with $C = 13.5 \text{ cm}$